

In The Detailed Description of the Preferred Embodiment:

Please amend paragraph [0032] as follows:

[0032] Referring to FIGURES 2, 3A, 3B, and 4, [[The]] the heat pipes 14 (heat conductors) are illustrated with respect to pipes having circular cross-sections. This is merely one embodiment of the present invention. Alternate embodiments of the heat pipes 14 include pipes having polygonal, semi-circular, or irregular cross-sections. Further, alternate lengths and diameters of the pipes 14 are included in alternate embodiments of the present invention, and the heat pipes 14 need not be uniform with respect to each other.

Please amend paragraph [0034] as follows:

[0034] The heat pipes 14 absorb the heat from the oil 35 as it flows into the sleeve 20. The temperature rise between two adjacent heat pipes 14 should be minimized in order to maintain the system temperature within proper system functioning limits, which are known in the art. Generally, the maximum temperature at the sleeve 20 is a function "f" of: ["f,"] the sleeve conductivity, sleeve thickness, distance between heat pipe, and fluid temperature at the boundary.

Please amend paragraph [0045] as follows:

[0045] The length of the collars 58 are such that incident X-Rays from the ~~cathode 25~~ anode 28 falling on the openings 45 provided for the heat pipes 14 do not pass out directly. They instead impinge on the extended collars 58. This X-Ray shield 21 thus prevents the direct leakage of X-Rays from the ~~cathode-25~~ anode 28.